

# ▲ SEMICRYSTALLINE THERMOPLASTICS

POPULAR MATERIAL CHOICES:



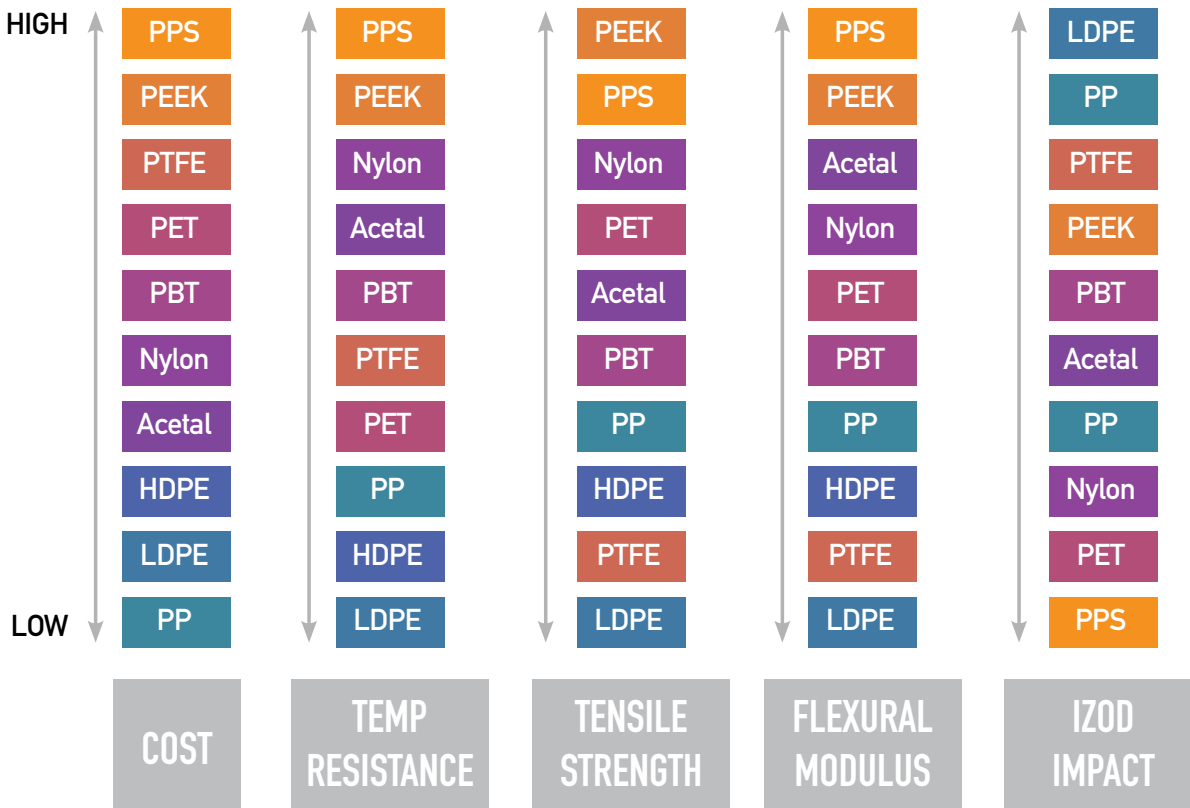
Semicrystalline polymers have a highly ordered molecular structure. They do not soften as the temperature rises, but rather have a defined and narrow melting point. This melting point is generally above that of the upper range of amorphous thermoplastics.

## THE GOOD

- Resistant to stress cracking
- Good fatigue resistance
- Good for bearing and wear (as well as structural applications)
- Good chemical resistance
- Opaque

## THE NOT-SO GOOD

- Sharp melting point
- Poor formability
- Difficult to bond using adhesives or solvents



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